



# ORDER OF OPERATIONS

Name \_\_\_\_\_

Score \_\_\_\_\_

OF:30

Example:  $-5^2 - 4 \times (6 \div (-7 + 8))$   
 $= -5^2 - 4 \times (6 \div 1)$   
 $= -5^2 - 4 \times 6$   
 $= -25 - 4 \times 6$   
 $= -25 - 24$   
 $= -49$

Solve each expression.

1)  $-7 + (14 \times (-2) + 19) + (-6)$

\_\_\_\_\_

2)  $9 - ((-1) \times (-6) + (-27) \div (-9))$

\_\_\_\_\_

3)  $(-2)^3 + ((-4) \times (-15) \div 5)$

\_\_\_\_\_

4)  $((-5) \times (-3) + (-12))^4$

\_\_\_\_\_

5)  $(7 \times (28 + (-23) + 16)) - (-8)$

\_\_\_\_\_

6)  $((15 \div 3) \times (-8)) + (-9 + 4)$

\_\_\_\_\_

7)  $(4^2 \div (-2^2)) \times 7$

\_\_\_\_\_

8)  $6^2 - ((-3)^2 + 55 \div 11)$

\_\_\_\_\_



# ORDER OF OPERATIONS

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## Answer key

OF:30

Example:  $-5^2 - 4 \times (6 \div (-7 + 8))$   
 $= -5^2 - 4 \times (6 \div 1)$   
 $= -5^2 - 4 \times 6$   
 $= -25 - 4 \times 6$   
 $= -25 - 24$   
 $= -49$

Solve each expression.

1)  $-7 + (14 \times (-2) + 19) + (-6)$

-22

2)  $9 - ((-1) \times (-6) + (-27) \div (-9))$

0

3)  $(-2)^3 + ((-4) \times (-15) \div 5)$

4

4)  $((-5) \times (-3) + (-12))^4$

81

5)  $(7 \times (28 + (-23) + 16)) - (-8)$

155

6)  $((15 \div 3) \times (-8)) + (-9 + 4)$

-45

7)  $(4^2 \div (-2^2)) \times 7$

-28

8)  $6^2 - ((-3)^2 + 55 \div 11)$

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